Pneumatic universal seed drill technology
TERRASEM

PÖTTINGER

Perfect, efficient sowing

97+243.US.1123

Perfect, efficient sowing

In addition to optimum soil and weather conditions, choosing the right seed drill technology is essential for perfect seed emergence. PÖTTINGER's TERRASEM universal seed drill technology combines tillage, consolidation and drilling in a single machine: the perfect combination of high output, excellent reliability and precision seed placement to meet your requirements.

Table of contents

The third generation TERRASEM

Our answer to the latest market requirements

The demand from the field: a machine that is even more reliable and is designed to offer the highest level of user-friendliness. In addition, the flexibility of the seed drill is engineered to maximize efficiency.

Our solution: The third generation TERRASEM universal seed drill technology from PÖTTINGER. With the new X configuration of the tillage tools, the straight running of the machine is guaranteed 100 percent. The seed placement depth is adjusted centrally without having to leave the cab. New, larger seed hoppers increase the output. One machine, three different sowing material configurations with a choice of seed placement points to increase operational flexibility.

TERRASEM universal seed drills cover every situation

The seed drill combinations featuring passive seedbed preparation deliver an impressive performance with their precision universal metering and perfect colter system to guarantee exact seed placement. Flexible operation and being able to process 3 components simultaneously at a consistently high output translates into optimum sowing for the best seed emergence.

Each feature on PÖTTINGER's TERRASEM is designed to increase productivity. At the end of the day you increase your profit.

- Highly flexible with pressurized hopper system for successful sowing
- Robust construction with maximum output
- Colter technology for large area output and a uniform, clean seed slot
- Suitable for mulch drilling, minimum tillage as well as seeding on ploughed fields
- Maintenance-free tillage tools and colters

Pneumatic universal seed drill technology

The soil is the basis for agriculture and forestry and is one of the world's most important yet limited resources. Soils are the essence of our life since they provide the basis for nutrition for us and our livestock. Healthy soil is the prerequisite for optimizing your yield.

There are many factors involved in sowing. The optimum sowing time depends on the type of plant, the duration of sunshine, and on temperature. These factors influence, among other things, the choice of variety in crop production and crop rotation. Only exact and uniform seed placement combined with optimum covering of the seed guarantees homogeneous seed germination.

Testimonial: Igor Kunitskyi, DP Agrofirma Luga-Nova, Volyn Oblast, Ukraine
“We have two TERRASEM seed drills. Because we farm more than 34,500 acres, it is important to us that the machine is easy to operate and reliable. With the latest generation of TERRASEM, all the settings are done conveniently using the terminal so you only need to leave the cab for calibration. All the parameters are displayed on the screen and can be adjusted in real time. Sowing quality is consistent and there are two additional options for applying fertilizer, which is very important to us in the current environment.”

Pure flexibility

Multiple sowing options

Single-shoot, double-shoot and double-shoot mix are the key to perfect emergence. Depending on your soil conditions and crop rotation, with the TERRASEM FERTILIZER models you can choose between drilling seed, seed with fertilizer or two different seed mixtures and additional components such as micro-granulate or a companion crop.

- Single-shoot: Contact banding / seed mixture
- Double-shoot: Mid-row banding
- Double-shoot mix: Combination of single and double shoot

Trailed universal seed drill technology

Maximum output

The trailed seed drill combinations and universal seed drills are available in working widths of 9'10" and 29'6''. Thanks to the disc harrow as the leading tillage tool, the seed drill combinations are ideal for mulch drilling and minimum tillage applications.
Fields requiring minimum tillage that are ready for sowing are the main focus of the CLASSIC seed drills without tillage tools. High working speeds with the best seed placement accuracy and large working widths, adapted to your conditions make this a powerful machine for universal applications.

Pneumatic universal seed drill technology

Perfect, efficient sowing for the best emergence

Successful drilling

It is essential that each individual plant has the space it needs. Growth is determined by the soil conditions, light, water and nutrients. You lay the foundation for a successful harvest when sowing with your TERRASEM.

Optimum plant density

The proven colter rail with DUAL DISC colter system ensures an ideal plant density for your crop. With a row spacing of 4", optimum plant development is ensured and weeds are largely suppressed.

Exact seed placement

Even in difficult conditions and at high speeds, the interplay between the tire packer, double-disc colters and the colter pressure results in exact seed placement.

- Row spacing of 4" for the best plant distribution density (optional 6" available)
- Large colter disc diameter of 15" for a tidy seed slot and maximum service life
- Colter offset of 12" ensures reliable seed placement even with high volumes of organic matter
- Up to 264 lbs colter pressure on the seed colters and up to 396 lbs on the FERTILIZER PRO colters
- Four-linkage suspension for optimum ground tracking of the colter rail under the most difficult conditions

Flexible tire packer

The high volume combined tire packer is positioned between the disc harrow and the seed colters. The machine turns on the packer at the headland and runs on 4 packer wheels when driving on the road. Thanks to the suspension of the colter rail with the four-linkages connecting it to the packer, a constant colter pressure is achieved over the entire working width.

On the folding three-section seed drills with a working width of 19'8" upwards, the packer follows the contours of the soil, ensuring precise ground tracking in every position, lengthways and crossways.

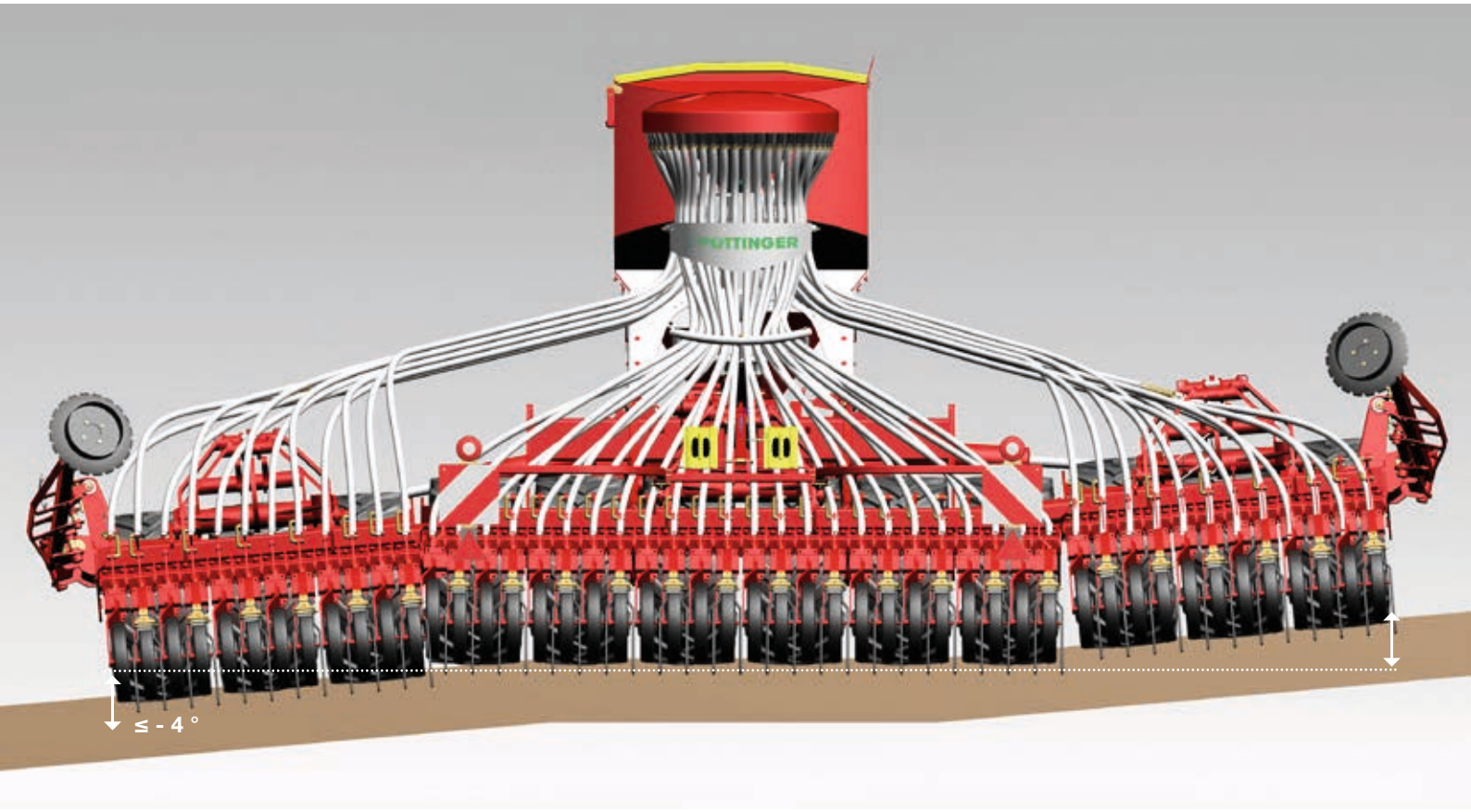
- The tire packer is the central guide unit on all models
- Hydraulic preloading of the frame sections on folding TERRASEM V machines from 19'8"
- Freedom of movement of the frame sections upwards and 4° and downwards
- The offset position of the tire packer wheels guarantees smooth running smoothness both in the field and during road transport

Conserving soil at headlands

In practice, TERRASEM universal seed drills and seed drill combinations stand for best soil conservation and highest maneuverability in the field.

- Perfect consolidation before sowing with wide 17 inch tires and 3 or 4 seed slots per tire
- The machine is supported by all wheels at headlands so the chassis remains in the same position with the disc harrow and colter rail raised
- Each packer wheel is individually mounted to prevent smearing of the soil surface at the headland
- Tandem effect due to offset position of the tires
- Minimizes bulldozer effect with packer wheel diameter of 2'11"

Perfect, efficient sowing for the best emergence



Ground tracking is the be-all and end-all

Our universal seed drill technology delivers impressive ground tracking performance. The tillage tools, the packer and the intelligent colter rail optimally follow every ground contour.
The result: The best ground tracking over the whole working width.

Three-part design

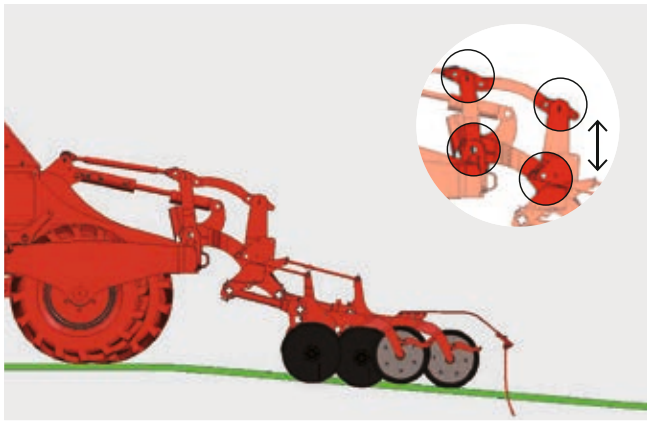
The three-section design of the TERRASEM V models ensures uniform tillage across the whole working width. Middle section – left frame section – right frame section.

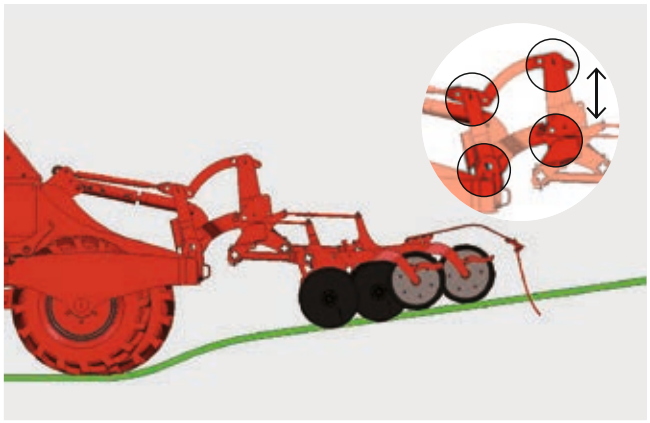
Precise contour tracking

These frame sections are preloaded using hydraulic accumulators to ensure equal pressure distribution in any working position over the whole working width.
The machine can adapt perfectly to undulations in the ground thanks to the pressure applied.

On TERRASEM models with a working width of 19'8" upwards, optional jockey wheels ensure exact depth control and ground sensing of the leading tillage tools.

- Uniform working depth across the entire working width is guaranteed
- Consistent placement depth thanks to the three-point linkages on the colter rail.





Contour adaptation perfected

By attaching each section via a 3-point linkage on to the packer frame, each colter section is free to follow the ground contours.

- The colter sections can adapt to uneven ground in the direction of travel.
- When driving over a bump, the colter rail is not lifted but remains at the same seed placement depth.
- The colter pressure also remains unchanged.

Four-joint mounting ensures independence

The four-joint 3-point design connects the colter rail with the packer frame and allows the colter rail to adjust independently to the ground contours.

The freedom of movement of the colter rail delivers the following benefits even in the most difficult conditions:

- Optimum germination conditions
- Uniform colter pressure and seed placement even in hilly terrain
- Homogeneous plant distribution in the field resulting in better yield

Optimum seedbed

Optimum seedbed

You can integrate PÖTTINGER TERRASEM machines into any seedbed preparation concept so that unique ground tracking and uniform depth placement are always guaranteed.

Tillage tools: Everything you need, and more

A flexible selection of tillage tools allows you to equip the machine to suit your requirements.

- On the high quality compact disc harrow for mulch drilling conditions you can choose between plain or scalloped concave discs.
- For water-saving loosening of the soil in strips, you can also choose the WAVE DISC.

If you do not need tillage tools on the seed drill because the soil is already cultivated, then the TERRASEM CLASSIC series is your perfect choice.

Intensive and precise tillage

For maximum cost effectiveness: a well-prepared seedbed thanks to optimized disc harrow intensity.

- A uniform working depth is a prerequisite for optimum germination of the seed.
- The disc harrow can also be used in heavy soils and large quantities of harvest residues. The focus here is on incorporation and crumbling.

Exact ground tracking lengthwise and crosswise

Optimum ground tracking is an essential part of soil cultivation. The set pressure on the side frame sections as the rear roller follows the contours of the terrain ensures exact ground tracking in every position across the whole working width.

- Precise ground tracking with a consistent colter pressure is achieved thanks to the parallel colter linkage
- The tillage tools are guided with precision by the packer chassis.

Optimum seedbed

Fully fledged disc harrow for precision tillage

On our TERRASEM universal seed drill combinations, soil preparation is taken care of by a two-row disc harrow with plain or scalloped discs.

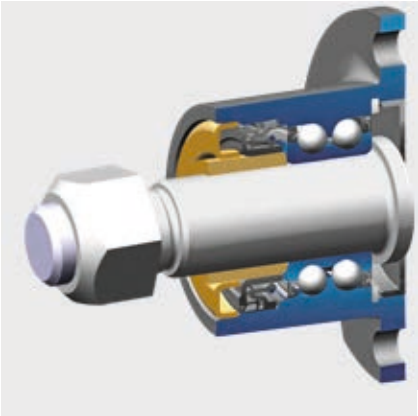
The maintenance-free, rubber-mounted 1'8" diameter discs loosen and move the soil across the entire working width. Discs at +15° in the direction of travel and +7° vertical angle for reliable soil penetration to create an optimum seedbed with fine-structured soil at seed slot level. Large volumes of harvest residues are mixed with the soil and at the same time the threat of weeds is reduced.

Convenient operation without crabbing

The new configuration of the tillage tools ensures that the machine works one hundred percent in a straight line. The disc harrow as well as the fertilizer colters (FERTILIZER machine) and seed colters are mounted in an X configuration. A central additional WAVE DISC in the rear section of the discs guarantees full-surface movement.

Further advantages:

- Infinitely-variable hydraulic depth adjustment, and the first row of discs can be adjusted mechanically, independently of the second row
- Spring-mounted edging boards on both sides ensure a uniform surface finish.



Maintenance-free disc bearings

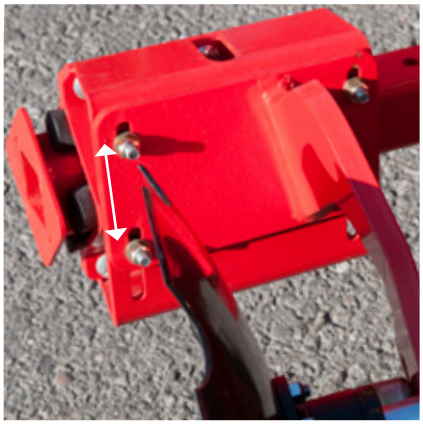
The special twin-race taper bearings have been adopted from the construction machinery industry. Ruggedness and reliability are guaranteed as a result and shock loads are absorbed effortlessly.

- The sealed, twin-race taper bearings are maintenance-free.
- A labyrinth seal provides the best protection for the bearing.
- A metal cover encapsulates the labyrinth seal for additional protection.

NONSTOP stone protection for reliability and durability

Proven over many years in the field and maintenance-free.

- 1.5"-thick rubber mounting elements
- The clamping brackets are mounted on a thick-walled box section frame.
- Four rubber elements provide a high level of tension to ensure the discs penetrate the soil reliably.



Track eradicator discs for tractor marks

The optional pairs of discs behind the tractor wheels are depth adjustable.

- These intensively remove heavily compacted wheel marks to create a uniformly level surface.
- It's easy to set the working depth
- Overload protection provided
- Lifted simultaneously with the disc harrow at the headland

Optimum seedbed

Additional tools for perfect levelling

Optional track eradicator tines can be fitted to break up compacted tractor wheel marks.

An optional front board can be installed to compensate for uneven ground in front of the disc harrow. Additional leveling in front of the tire packer can be carried out by a leveling board.

Spring loaded track eradicators for better working results

In ideal feature for loosening and breaking up hard and compacted tractor marks.

- The reversible point is coated with hardened metal in the wear zone.
- Each individual track eradicator is protected against overloading by a spring.
- The working depth of the eradicator tines is easily adjusted.
- Raised at the same time as the disc harrow at the headland.
- On areas with a well-prepared seedbed the intensity of the disc harrow can be reduced, which in turn reduces the power requirement.
- Long service life thanks to tungsten carbide coating
- 3 versions with 1, 2 or 3 tines per track

The front board

- The front board ensures perfect leveling when used in ploughed fields.
- Good flow even with large quantities of harvest residues
- Hydraulically infinitely adjustable at a maximum working depth of 1.5"

The leveling board

- The leveling board in front of the tire packer also promotes a fine seed bed structure.
- As the flow of soil behind the disc harrow is slowed down, it is directed downwards in front of the packer.

Leveling paddles in front of the seed colters

- Levels ridges between the tires on light, sandy soil
- The angle and height of the tines can be adjusted individually.
- Adjusted without the need for tools
- Resistant to stones and harvest residues with each tine on its own spring
- Is raised at the headland and for road transport

WAVE DISC for minimum tillage with strip-till soil cultivation

Extreme versatility

Cost effective, extremely versatile and convenient, this is the PÖTTINGER WAVE DISC cultivation system for seedbed preparation.
In dry regions or in humid areas, all the WAVE DISC system's advantages come into play to make it the perfect example for reduced soil cultivation while at the same time maintaining yield. Using the same approach as strip-till the WAVE DISC moves the soil in strips.

Handles even the most difficult conditions

The PÖTTINGER WAVE DISC system is ideal for difficult soil conditions that require reduced tillage. The key to correct seed placement is the correct working depth.

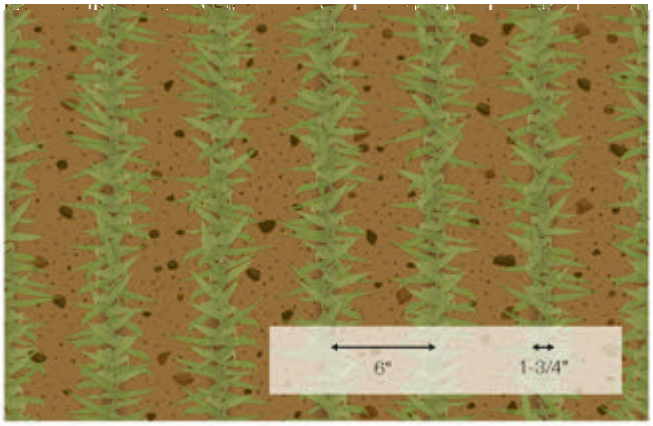
WAVE DISC for minimum tillage

The WAVE DISC cultivates the soil in water-saving strips: only the region either side of the seed slot approx. 1.5" wide is worked. The rest of the surface remains untouched, the residual moisture in these strips help the seed to germinate.

Makes your work easier

The working depth is infinitely-variable set by a hydraulic system on the WAVE DISC system. Additional WAVE DISCs behind the tractor wheels can be set individually to the seed depth and the depth of the tractor wheel marks.

- Hole matrix with 5 positions
- Adjusted without the need for tools
- Disc mounting easy to handle during adjustment
- Four discs per track



Works in any conditions

The maintenance-free WAVE DISCs have a diameter of 1'8" and are available with row spacings of 4" or 6". A row spacing of 6" is recommended for regions with extreme soil conditions. The wider row spacing improves the crop microclimate which can give plants an advantage against harmful organisms. The way the WAVE DISC works is perfect for processing frost heave and incorporating winter cover crops, but cannot be used for classic direct sowing.

- Choose between 4" and 6" row spacing
- Large diameter discs for reliable rotation

More flexibility with minimum tillage

The PÖTTINGER WAVE DISC system is ideal for difficult soil conditions that require reduced tillage. Due to its lower tillage intensity, it is important to choose the right time to use it. The improved soil conditions promote good seed germination and optimum emergence even at later sowing times. The part of the soil surface that remains unmoved offers better load-bearing capacity and retains moisture better.

Dry region:

- Water saving strip-till, only the band over the seed slot is moved.
- Suppresses evaporation thanks to partial surface soil cultivation

Humid area:

- Reduced soil movement and less movement of moist soil
- Faster warming up and drying of the loosened strips for improved germination conditions
- No deep tools at seed slot level so no smearing

WAVE DISC for minimum tillage with strip-till soil cultivation

Arable hygiene is an increasing challenge

The focus is increasingly on arable farming in terms of the resistance to pesticides and restrictions on plant protection products demanding more alternative strategies. It is important to have an array of agronomic strategies available in order to cope with these changing scenarios. By using strip-till cultivation, problematic grasses and volunteer rape seeds are not incorporated and therefore do not go dormant. The film from the herbicide application remains on the unmoved strips, which means that the effect of soil herbicides lasts longer.
Delaying the sowing date slightly offers the opportunity to control black grass when it first emerges and suppress a second wave to a large extent by minimizing tillage.

Working cost effectively

- Low draft thanks to reduced tillage intensity
- Reduced power requirement due to less soil movement
- Reduction in erosion conserves the soil structure
- Improved load-bearing capacity
- Water saving system

Suppresses erosion

Strip-till soil cultivation and less intensive tillage leave behind less loosened soil. On the uncultivated area, the soil structure remains intact and can absorb and store water better as a result. Some of the mulch material remains to promote soil life and provides protection in heavy rain.

- Less risk of ponding during heavy rain
- Reduced sifting of fine soils in strong winds

Conserving the water in the ground.

"We farm 617 acres on our own land and drill 1,729 acres for third parties as a contractor. We use a TERRASEM C6 WAVE DISC, so we are very flexible in terms of different site conditions. In spring weather conditions, more homogeneous germination is achieved on loam soils. With the WAVE DISC system we conserve the water in the soil. What is more, herbicides work better because the crop protection film remains on the areas of the soil surface that are left intact."

Florent Earl Cadieu
Farmer
Charnizay | Indre-et-Loire | France

Impressively flexible

The machine can be used for a wide range of applications because it can also be used to sow several types of seed at the same time. Florent Earl Cadieu's farm, for example, sows barley with a row spacing of 4" along with alfalfa with a row spacing of 9". The aim is to harvest the barley in the first year, and the alfalfa seeds the following year during the first cut.
Florent Cadieu also deposits fertilizer when sowing other plants to stimulate the roots as they develop. This ensures that the plants are more resilient in the event of a prolonged dry period.

WAVE DISC comparison

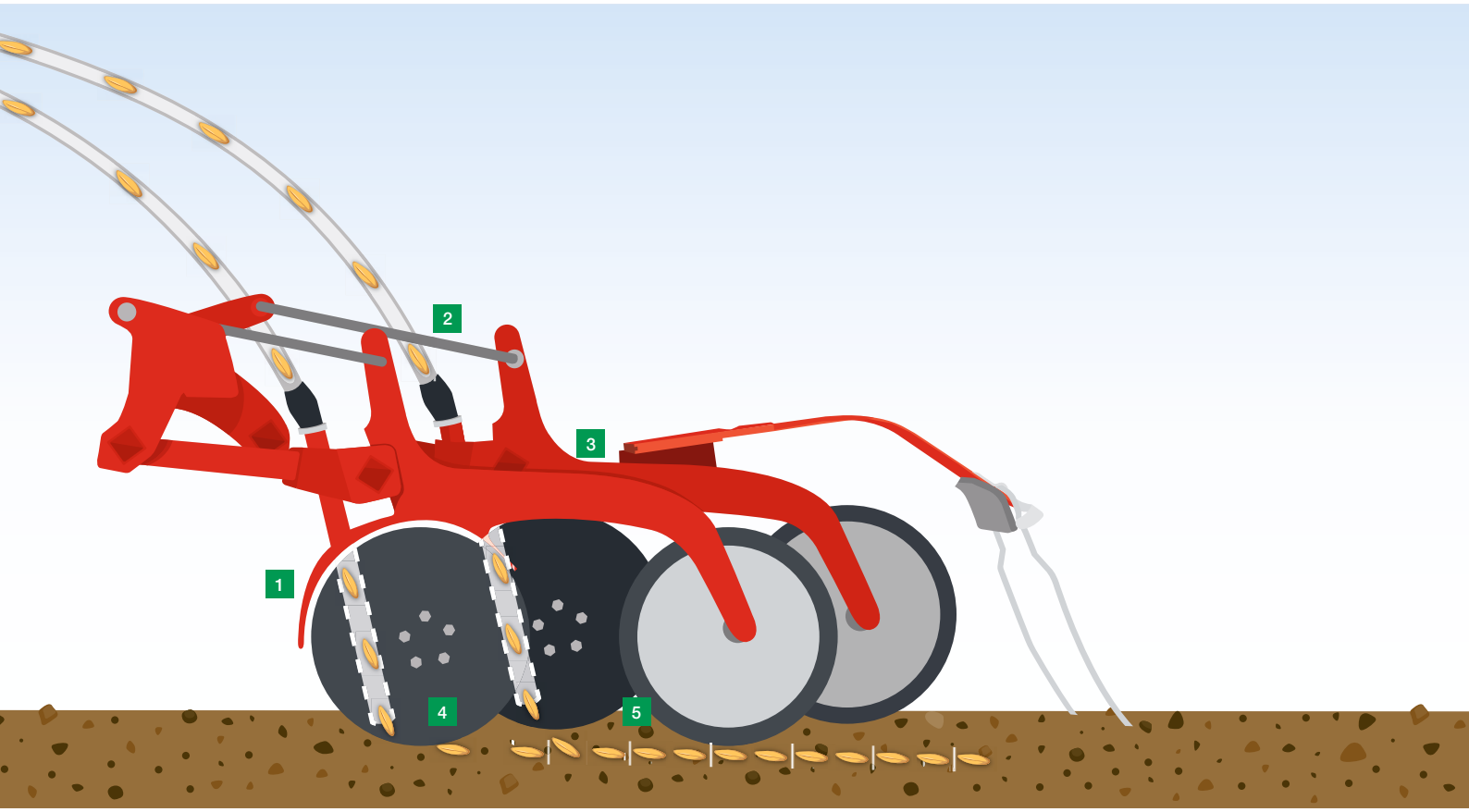
"I like the WAVE DISC works because it is more versatile than direct drilling and also more suitable for stony fields as it wears less. More moisture is retained in the soil compared to the TERRASEM with aggressive discs", says Florent Cadieau.
Furthermore, he can halve fuel consumption per hectare at drilling speeds of 7.5 to 8.5 mph compared to a borrowed TERRASEM C4.

Arable advantages for Florent Cadieu

- Loosening the soil using the strip-till method means less risk of ponding in hilly terrain
- Soil herbicides are more effective and can be better targeted
- Moisture is retained in the soil - especially important in dry areas
- Optimum seed placement even in damp soil
- More homogeneous germination and better emergence in spring

Difficult soil conditions in particular need special attention, and choosing the perfect time for cultivation is a challenge. The WAVE DISC keeps much of the soil structure intact, improving its load-bearing capacity.

Colter expertise for the perfect seed slot



Colter expertise for the perfect seed slot

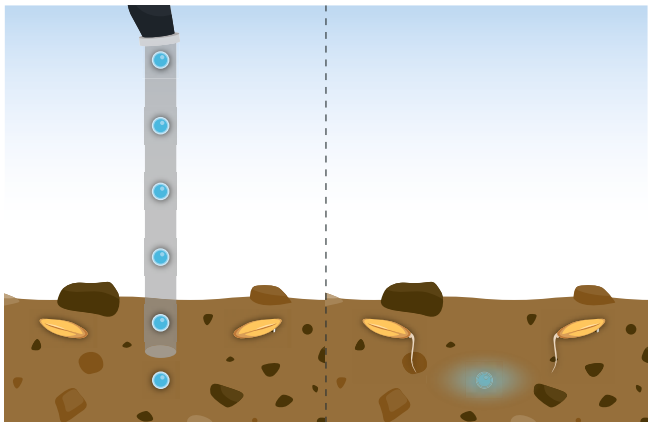
Precision drilling is dependent on closely-matched colters for opening the seed slot, placing the seed and covering the seed again. A well-formed seed slot is essential for successful drilling.
The guarantee for optimum placement and uniform germination: PÖTTINGER delivers exactly the right colters for your needs. Harvest residues are cut through reliably even at higher driving speeds thanks o the offset disc colters.

DUAL DISC colters

The large diameter DUAL DISC colters with a diameter of 15" cut right through surface trash to form a uniform, tidy seed slot.

- X-shaped configuration of the colters for mirrored arrangement
- Dynamic grain placement in a clean seed slot
- Colter offset of 12" provides a large clearance and smooth material flow even with large amounts of organic matter
- Offset configuration of the colter discs for reliable narrow seed slot formation and retention of the seed slot
- Infinitely variable central adjustment of the colter pressure between 88 and 264 lbs
- Same-length colter arms ensure identical colter pressure on each unit
- Row spacing from 4" for the best plant distribution density (optional 6")
- 100 % sealed seed colter bearings
- Convenient central, hydraulic adjustment of the colter pressure and the placement depth of the colter rail

1. Colter pressure up to 264 lbs
2. Parallel linkage for exact placement depth
3. Consistent colter pressure thanks to same-length colter arms
4. Colters offset by 12" for blockage-free operation
5. Exact depth control and consolidation



Press wheels for uniform placement depth

Each disc colter is mounted on an independent parallelogram to ensure excellent ground tracking even at high travelling speeds.

- Large press wheels with a diameter of 15"
- Each of the disc colters is guided by a press wheel to ensure a precise and uniform seed placement depth.
- In addition to depth control, the press wheels also ensure controlled consolidation of the soil and pressure on the seed.

Direct fertilization or second type of seed FERTILIZER PRO fertilizer colter

Fertilizer or a second type of seed is applied by TERRASEM (Z) FERTILIZER universal seed drills using the maintenance-free PRO single-disc fertilizer colter. Fertilizer is applied behind the disc harrow using these colters and positioned between two seed rows (mid-row banding).

- The PRO single-disc fertilizer colter deposits fertilizer between the rows of seed at the same level as the plant root – wide rubber brackets on the box section frame prevent sideways movement to ensure precise row spacing.
- Precision placement saves fertilizer, minimizes unproductive losses and promotes faster development of the root mass for optimum yield.
- The placement depth of fertilizer and seed can be set independently of each other.
- Instead of depositing fertilizer, other seed material can also be sown using the FERTILIZER PRO colter.

Wide range of applications

Two metering systems

Depending on the choice of machine, two different metering systems are available. The seed drills with a single hopper are equipped with injector metering: TERRASEM 3000 D to V 6000 D as well as V 8000 D / V 9000 D, including all CLASSIC models without the FERTILIZER system.

All TERRASEM FERTILIZER double seed hopper machines are equipped with a pressurized hopper system. The two-part hopper with a fixed 60:40 partition can also be filled with 100 % seed. Integrated pressure differential sensors ensure the reliability of the system.

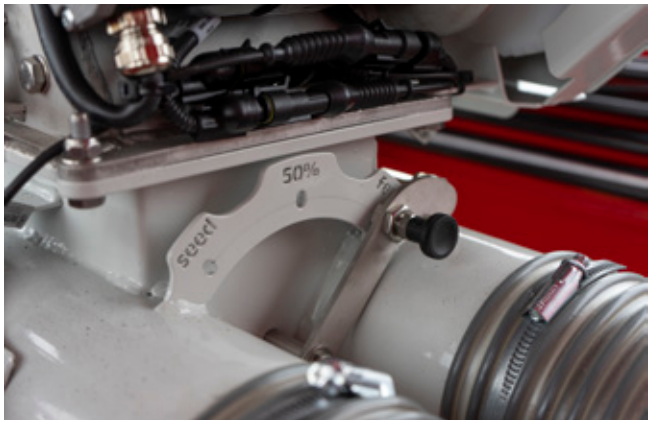
Single-shoot – double-shoot – double-shoot mix

On all machines with pressurized hoppers, it is possible to apply two different components such as seed/seed or seed/fertilizer. In addition, a third component can be sown by the TEGOSEM.

Metering with the highest precision

The TERRASEM metering systems are designed for the highest possible precision and ensure that exactly the right amount of any given seed type is used, even in the most difficult operating conditions.

- The TERRASEM 3000 D to V 6000 D are fitted with one metering system and the V 8000 D and V 9000 D have two metering systems.
- All TERRASEM models with double seed hoppers have two metering systems.
- Metering wheels can be changed quickly and easily, dependent upon seed rate and type.
- The metering unit is electrically driven, controlled via a radar sensor or ISOBUS signal from the tractor.
- Seed rates between 3 lb/ha and925 lbs/ha at 7.5 mph can be set conveniently directly from the cab.
- Pre-metering is installed as standard for full field coverage.



Smooth air flow

A high volume of air and a low air velocity protect the seed and any dressing against damage. Together with the precision metering system and large distributor heads, this system delivers uniform seed grain placement.

- Maximum effectiveness of seed and dressing is ensured
- Special distributor inserts can be used to alter the row spacing.
- On the 26'3" and 29'6" wide seed drills, both distributors are automatically lowered hydraulically during the folding process.

Optimum distribution to individual rows

The seed is fed uniformly to the distributor in an air stream that passes up the riser tube. The large diameter of the distributor guarantees precise lateral distribution of the seed into each of the colter pipes.

It has never been so easy

PÖTTINGER attaches great importance to user-friendliness. As a result, calibration is easy.

- Practical catchment bag
- The calibration flap is monitored by a sensor
- A hopper emptying shutter ensures all the seed is conveniently emptied out of the hopper.
- Automatic seed flow reduction when tramlines are enabled
- Calibration at the press of a button
- Infinitely adjustable seed flowrate adjustment
- Changeable metering wheels for all seed types
- Level measurement with display in centimeters at the terminal
- Fan and metering shaft monitoring
- Pre-metering for immediate start at headlands
- Seed library

Wide range of applications

IDS provides flexibility that pays dividends

The unique IDS system (INTELLIGENT DISTRIBUTION SYSTEM) controls all outlets via the bus system. This opens up a wide range of possibilities for colter pipe selection and tramline switching and is perfect for contract work and machinery rings.

All settings relating to tramline selection can be made easily and conveniently from the control terminal in the cab so no repositioning of hoses is necessary.

Choose any of the following:

- Tramline widths
- Track widths
- Special tramline switching
- Dual tramline systems
- Half rail switching left and right
- Tramline rhythm can be selected independently of the seed drill width

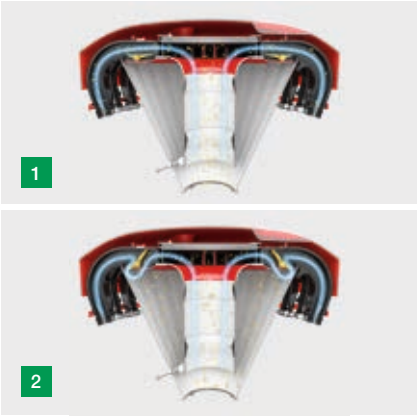
Seed flow sensors for convenience and reliability

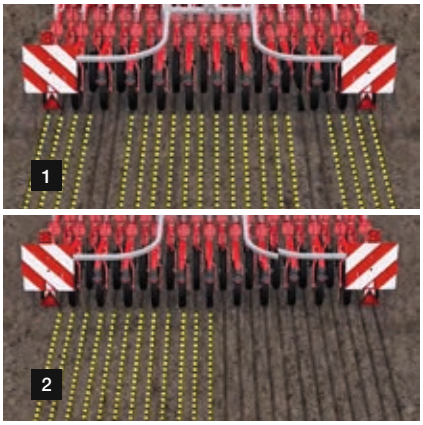
Seed flow sensors are available as an option positioned after the distributor head. The sensitivity of the sensors can be adjusted in several stages to match the seed material in the seed library.
Constant and reliable feedback on seed flow is provided at the terminal.

The status of each colter pipe is indicated by an LED directly on the sensor:

- GREEN: Sensor active and row OK
- RED flashing: Row blocked
- The colter pipe number is indicated on the control terminal

IDS – INTELLIGENT DISTRIBUTION SYSTEM





The intelligent heart of the system

The IDS distributor head ensures uniform crop growth by maintaining a completely consistent seed count in all colter pipes.

1 Riser tube with funnel-shaped outside conveys the seed material through the distributor head to the outlets.
2 The patented funnel system with controlled flaps feeds the seed back into the air stream.

- With active tramline switching the seed rate is automatically reduced for a seed saving of up to 6%.
- Exact and even distribution across the whole width, even when tramlining

Flexible row spacing

With a standardized row spacing of 4", you can generate different row spacings using distributor head inserts.

- Implemented for crops cultivated as root crops
- Can be expanded to row spacings of approximately 10" / 15" / 20" / 30" depending on machine type and seed material.
- Flexible use of the machine for a wide range of crops
- Shorter dwell time assures less damage to the seed in the distributor head and aids germination when sowing legumes

More features: Tramline system

1 Depending on the distribution head specified, symmetrical, asymmetrical or individual tramline switching is possible making the tramline rhythm freely selectable and between 2 and 6 rows can be switched off per track.

- A fully equipped IDS distributor head is equipped with controlled outlets on all colter pipes.

Half width switching

2 PÖTTINGER offers the following options for maximum flexibility even with symmetrical tramlines:

- Half width switching to the left or right with full IDS equipment
- Half width switching to the right only with the right half of the distributor head equipped with controlled outlets.
- Half width switching activated using the terminal
- Seed rate is reduced automatically

Wide range of applications

Enhanced safety on the road

Not only do TERRASEM machines perform well in the field, they are also safe and easy to transport. With a transport width of 9'10", they are approved for the road at any time.

On the road the machine is transported on four wheels, the two center wheels are raised automatically to improve stability, even on bumpy tracks. High driving speeds on the road are also no problem.

Smooth chassis in all conditions

Due to the 6" offset of each of the packer wheels, the machines run particularly smoothly. Unevenness both on the road and in the field is compensated by the tandem effect so the machines do not tend to jolt.

Air brakes or hydraulic brakes are available as an option for the weight-bearing pairs of road wheels, allowing maximum driving speeds of up to 24 mph.

Maneuverability at the headland

The purpose-specific mounting enables a turning angle of 90° for tight maneuvers at the headland and during transport. The telescopic drawbar is also available with a ring hitch or hammerstrap coupling. These machines can therefore be fitted to any tractor.

- Thanks to their telescopic travel of 1'8", you can run the tractor with dual wheels or wide tires
- A drawbar extension is recommended in combination with track eradicators.

Generous seed hopper for high output

The hopper can easily be filled using a loader, big-bags or an optional hydraulic seed hopper auger.
A roll over tarpaulin protects machines with injector metering from dust and rain. Machines with a pressurized hopper are fitted with a sealed metal cover.

- The standard side loading platform makes it easy to open the hopper cover to check filling progress.
- The mesh inside the seed hopper protects the metering system from foreign objects.
- Monitoring the seed level in the hopper to the nearest centimeter is standard.
- Injector metering: When the roll over tarpaulin cover is open, it is rolled up to save space and protect it from damage for a trouble-free filling process.
- Pressurized hopper metering: To provide the best loading access from all angles, the metal cover is lowered to the side.

Seed hopper auger for easy filling

A hydraulically driven universal filling auger for seed and fertilizer is available as an option.

- Convenient filling procedure using auger tube mounted in gimbals for easy handling
- Seed hopper volume can be utilized completely because auger outlet pivots over whole seed hopper area
- The auger is folded upwards and locked securely in place above the seed hopper during transport.
- High throughput capacity of approximately 14 bushels per minute.
- Made from cost effective, corrosion resistant stainless steel.

Universal seed drills

TERRASEM V CLASSIC

Universal seed drills

For rapid drilling in perfect conditions

The main criteria for developing the TERRASEM V CLASSIC models were smooth running and high output, in order to provide the best possible support to farms that carry out seedbed preparation in a separate step prior to drilling.

The crop cultivation advantage

The TERRASEM V CLASSIC series is suited to minimum tillage as well as conventional tillage scenarios thanks to high colter pressures, optional front board and FERTILIZER PRO colters. The efficiency of the drilling process can be increased with the same power tractor by using larger working widths.

Distinct processes

The time window to allow the soil to dry between seedbed preparation and drilling is extended by using two distinct processes. A smearing of the seed slot is avoided. In addition, it is possible to focus on mechanical weed control during a dedicated tillage process.

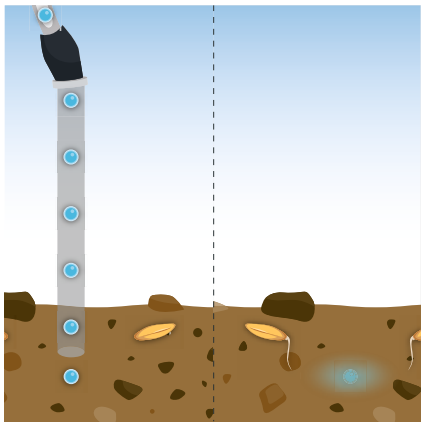
High output

With a large seed hopper volume of up to 160 bushels (optional) and increased driving speeds, optimum use can be made of the short sowing time windows.

Sowing on ploughed fields

Deployed with optional front board for optimum levelling.

- Additional leveling using a front board mounted ahead of the tire packer allows the drill to be used on ploughed areas
- Optimum adaptation to different working conditions thanks to hydraulic depth adjustment
- Lumps of earth are pulverized and crushed
- The soil surface is leveled



Versatile applications thanks to low power requirement

The TERRASEM V CLASSIC series has a low power requirement thanks to its lighter construction. Lower power tractors can be used for drilling, increasing the flexibility of the farm's resources. Larger tractors can then be used for primary tillage.

Power requirement:

- V 4000 CLASSIC from 110 hp
- V 6000 CLASSIC from 150 hp
- V 6000 Z CLASSIC from 160 hp
- V 8000 Z CLASSIC from 220 hp
- V 9000 Z CLASSIC from 250 hp

Water saving sowing method

Drilling in loose and frost-wilted cover crops is possible in spring.

- Thanks to colter pressures of up to 264 lbs per seed colter, direct drilling is possible in spring
- Reduction of water losses thanks to a high degree of soil cover and lower evaporation
- Direct fertilization possible using FERTILIZER models

FERTILIZER PRO fertilizer colter for optimum growth

Precision direct fertilization is possible between two seed rows (mid-row banding).

- Young plants provided with nutrients during the early stages of growth
- The scalloped single-disc colter is guaranteed to enter the soil thanks to a colter pressure of up to 396 lbs
- Independent hydraulic depth adjustment for optimum placement of the fertilizer below the level of the seed
- Heavy harvest residues are shredded ahead of the colter rail

Universal seed drills

Lighter. Faster. Higher output.

With the TERRASEM V CLASSIC models, PÖTTINGER offers smooth running and high output technology for covering large areas. The series is equipped without tillage tools and is designed for farms that use a separate seedbed preparation process.

TERRASEM CLASSIC	Working width	Seed hopper volume	Optional seed hopper volume	Row spacing	Number of colters at 12.5 cm
V 4000 CLASSIC	13'1"	100 bushels	130 bushels	4" / 6"	32
V 6000 CLASSIC	19'8"	100 bushels	130 bushels	4" / 6"	48
V 8000 CLASSIC	26'3"	160 bushels	–	4" / 6"	64
V 9000 CLASSIC	29'6"	160 bushels	–	4" / 6"	72

TERRASEM CLASSIC with direct fertilization	Working width	Seed hopper volume	Optional seed hopper volume	Row spacing	Number of seed colters / fertilizer colters at 4"
V 4000 Z CLASSIC	13'1"	120 bushels	160 bushels	4" / 6"	32 / 16
V 6000 Z CLASSIC	19'8"	120 bushels	160 bushels	4" / 6"	48 / 24
V 8000 Z CLASSIC	26'3"	160 bushels	–	4" / 6"	64 / 32
V 9000 Z CLASSIC	29'6"	160 bushels	–	4" / 6"	72 / 36

TERRASEM V CLASSIC

The proven tire packer provides the necessary consolidation ahead of the colter to create perfect germination conditions for the seed. Consolidation is necessary because the soil has been loosened many times and needs to be connected to the moist subsoil in order to ensure the capillary action needed for water to reach the seed and provide the level of moisture required for germination.

Number of colters at 6"	**Pressure per colter**	**Power requirement kW**	**Power requirement hp**	**Weight**
24	88 - 264 lbs	81 – 118 kW	110 – 160 hp	10,650 lbs
36	88 - 264 lbs	110 – 177 kW	150 – 240 hp	14,067 lbs
48	88 - 264 lbs	147 – 258 kW	210 – 350 hp	17,088 lbs
54	88 - 264 lbs	177 – 287 kW	240 – 390 hp	19,028 lbs

Number of seed colters / fertilizer colters at 6"	**Colter pressure per seed colter / fertilizer colter**	**Power requirement kW**	**Power requirement hp**	**Weight**
24 / 12	88 - 264 lbs / up to 396 lbs	88 – 125 kW	120 – 170 hp	13,428 lbs
36 / 18	88 - 264 lbs / up to 396 lbs	118 – 184 kW	160 – 250 hp	19,579 lbs
48 / 24	88 - 264 lbs / up to 396 lbs	162 – 265 kW	220 – 360 hp	22,268 lbs
54 / 27	88 - 264 lbs / up to 396 lbs	184 – 294 kW	250 – 400 hp	24,605 lbs

Universal seed drill combinations

Universal seed drill combinations

Ingenious concept for every situation

The rigid universal seed drill combinations made by PÖTTINGER have a double row disc harrow or WAVE DISC harrow for soil preparation. The transport width is the same as the working width (9'10" or 13'1").

On folding universal seed drill combinations, the three section configuration ensures perfect ground tracking.
The outer elements have plenty of freedom of movement. To achieve a road transport width of 9'10", the wing sections of the TERRASEM V models are folded up.

Central depth adjustment for the correct working depth

- Infinitely-variable hydraulic working depth adjustment of the tillage tools
- A scale that is easily visible from the tractor cab shows the driver the set working depth of the disc harrow.
- A memory function ensures the same working depth when driving back along the next pass
- Spring-mounted edging boards are fitted as standard on both sides for a uniform surface finish.

Reliable operation thanks to NONSTOP stone protection

Reliability and durability during operation are ensured by the maintenance-free NONSTOP stone protection system. This system is mounted on rubber elements over 1.5" thick and has been proven over many years in the field.

- The clamping brackets are mounted on a thick walled box section frame.
- Specially-designed rubber elements between each wide clamping bracket and the box section provide the discs with high penetration power and prevent them from deviating to the side.

Universal seed drill combinations

High output operations

TERRASEM universal seed drill combinations can be economically incorporated into any operating sequence and the new generation features even higher seed hopper volumes. As standard, the 9'10" to19'8"-wide machines are equipped with a 100 bushel hopper, with 130 bushel available as an option for even longer drilling times.
On the 26'3'' and 29'6'' machines, 160 bushels are available as standard.

TERRASEM	Working width	Seed hopper volume	Seed hopper volume optional	Row gap
3000 D	9'10"	100 bushels	130 bushels	4" / 6"
4000 D	13'1"	100 bushels	130 bushels	4" / 6"
V 4000 D	13'1"	100 bushels	130 bushels	4" / 6"
V 6000 D	19'8"	100 bushels	130 bushels	4" / 6"
V 8000 D	26'3"	160 bushels	–	4" / 6"
V 9000 D	29'6"	160 bushels	–	4" / 6"

Standard TERRASEM models

Rigid models
TERRASEM 3000 D / 4000 D
Folding models
TERRASEM V 4000 D – V 9000 D

Filling the seed hopper

On both fixed and folding TERRASEM models, the seed hopper can be conveniently filled in the working position using a front loader bucket or big bags.

The roll over tarpaulin cover on the machines with injector metering opens automatically when unlatched, saving space for the filling process.

colters 4" / 6"	**Pressure per colter**	**Power requirement kW**	**Power requirement hp**	**Weight**
24 / 18	88 - 264 lbs	81 – 125 kW	110 – 170 hp	11,904 lbs
32 / 24	88 - 264 lbs	103 – 176 kW	140 – 240 hp	15,211 lbs
32 / 24	88 - 264 lbs	103 – 176 kW	140 – 240 hp	15,873 lbs
48 / 36	88 - 264 lbs	140 – 243 kW	190 – 330 hp	21,495 lbs
64 / 48	88 - 264 lbs	221 – 294 kW	300 – 400 hp	24,912 lbs
72 / 54	88 - 264 lbs	243 – 368 kW	330 – 500 hp	29,982 lbs

Universal seed drill combinations

For successful drilling

With the TERRASEM FERTILIZER, PÖTTINGER supports the growing trend towards direct fertilization: In the face of increasing fertilizer prices, new types of fertilizer, new fertilizer regulations and environmental legislation, it pays to employ precision fertilizer management in future.

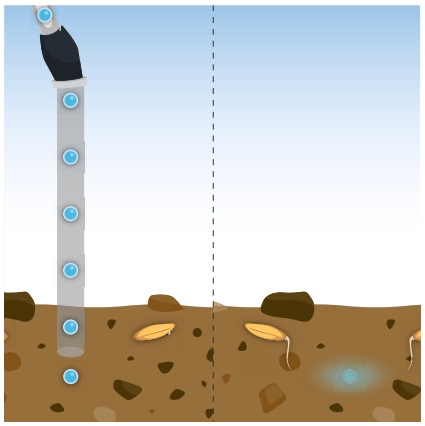
Pressurized hopper system with partitioned seed hopper

On the FERTILIZER drills, the seed hopper is divided into two parts and designed as a pressurized hopper system. The partitions are fixed at 60:40. It is also possible to fill 100 percent of the hopper with seed.

Convenient to use

The side access platform is also standard on FERTILIZER seed drills. During the folding sequence, the side platform folds in and out automatically.

The fertilizer placement depth is set conveniently using the hydraulics. The terminal displays the placement depth in digital form.



Simultaneous precision output

The TERRASEM FERTILIZER has separate metering units and distributors for fertilizer and seed. Simultaneous precision application of fertilizer and seed in a single pass. The fertilizer metering system can also be used for another seed material such as a companion crop, for example. The entire operation and monitoring of both systems is integrated into one terminal

- Fertilizer or a second type of seed material is placed in a band between each second row
- Variable placement depth down to 4"
- High colter pressure and reliable penetration of the single-disc colter.

FERTILIZER PRO fertilizer colter for successful sowing

Flat Suffolk colter point guarantees less soil movement to the side so that deeper penetration of the colter is possible in hard and dry conditions.

Additional shear bolt protection avoids damage in the event of extreme stress.

Further advantages with the FERTILIZER PRO fertilizer colter

- Flat discs with sealed bearings
- 1'4" diameter
- 9" or 13" row spacing
- Colter pressure up to 396 lbs
- Hydraulic adjustment of fertilizer placement depth
- Plenty of clearance to the side
- Unrestricted soil flow

Universal seed drill combinations

Extremely high output with working widths of 9'10" to 29'6"

Using direct fertilization allows you to apply fertilizer at the same time as drilling the seed. This enables you to achieve optimum growth conditions during the early phase of seed growth and increase the generative performance of the seed. On PÖTTINGER's TERRASEM FERTILIZER seed drills, the placement depth of fertilizer and seed can be set individually from the cab. The second metering system can also be used for other seed materials to further increase the output and cost effectiveness of FERTILIZER seed drill combinations.

TERRASEM FERTILIZER	Working width	Seed hopper volume	Seed hopper volume optional	Row gap
3000 D Z	9'10"	120 bushels	160 bushels	4" / 6"
4000 D Z	13'1"	120 bushels	160 bushels	4" / 6"
V 4000 D Z	13'1"	120 bushels	160 bushels	4" / 6"
V 6000 D Z	19'8"	120 bushels	160 bushels	4" / 6"
V 8000 D Z	26'3"	160 bushels	–	4" / 6"
V 9000 D Z	29'6"	160 bushels	–	4" / 6"

TERRASEM FERTILIZER

TERRASEM FERTILIZER with direct fertilization or for a second seed type

Rigid FERTILIZER models:
TERRASEM 3000 D Z, TERRASEM 4000 D Z

Folding models:
TERRASEM V 4000 D Z, V 6000 D Z,
V 8000 D Z, V 9000 D Z

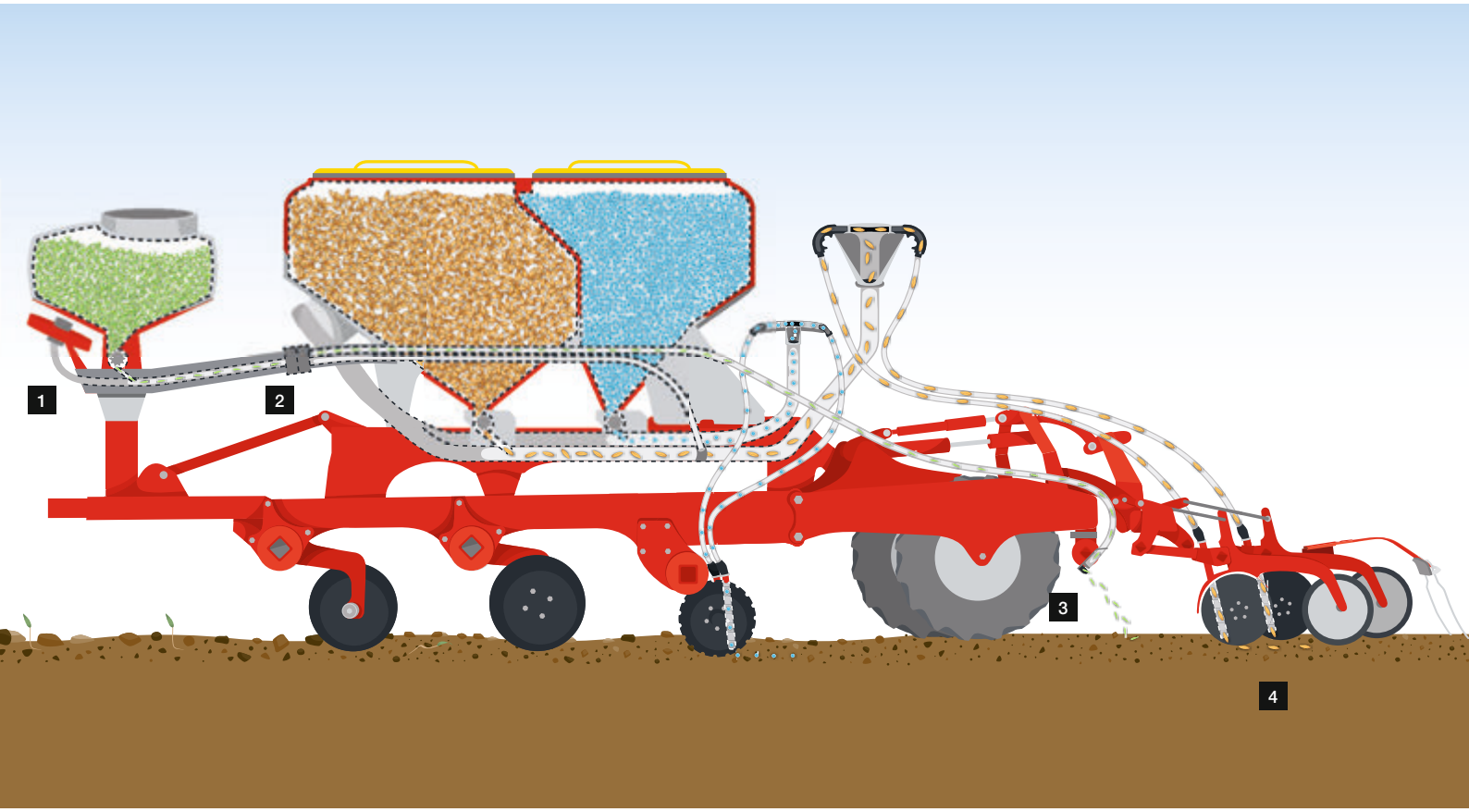
High volume seed hopper

With a hopper volume of 120 bushels or 160 bushels, the TERRASEM FERTILIZER models have short filling intervals.

In addition, the seed hoppers are equipped with level sensors as standard. The filling level is displayed on the terminal with centimeter precision.

colters 4" / 6"	**Number of fertilizer colters 9" / 13"**	**Pressure per colter**	**Power requirement kW**	**Power requirement hp**	**Weight**
24 / 18	12 / 9	88 - 264 lbs	99 – 132 kW	135 – 180 hp	160 bushels
32 / 24	16 / 12	88 - 264 lbs	118 – 199 kW	160 – 270 hp	15,763 lbs
32 / 24	16 / 12	88 - 264 lbs	118 – 199 kW	160 – 270 hp	17,416 lbs
48 / 36	24 / 18	88 - 264 lbs	169 – 243 kW	230 – 330 hp	22,928 lbs
64 / 48	32 / 24	88 - 264 lbs	220 – 368 kW	300 – 500 hp	28,660 lbs
72 / 54	36 / 27	88 - 264 lbs	243 – 368 kW	330 – 500 hp	34,392 lbs

Flexible hopper
to add more components to the mix



Additional components in the mixture

With the TEGOSEM 500 flexible hopper additional components can to be added to the mixture sown using the TERRASEM series. Space-saving, easily accessible using the loading platform, mounted in front of the seed hopper, the pneumatic sowing unit covers a wide range of applications.

- Companion crop (such as grass) sown at the same time as drilled crop
- Fertilizer or micro granules can be applied directly by the metering system as contact banding in a single-shoot process

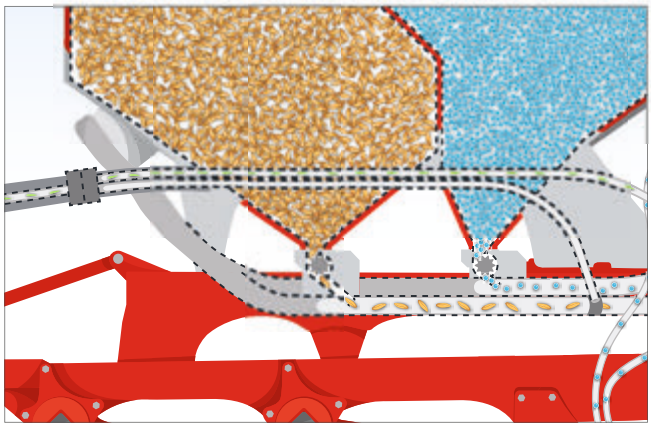
Advantages of the TEGOSEM flexible hopper:

- Seed distribution is carried out pneumatically by surface application or directly by the TERRASEM metering unit into the seed colter
- On top of applying seed and fertilizer using the seed and fertilizer colters, TEGOSEM can be used to apply a further component

Combining the TEGOSEM hopper with the TERRASEM

	Type of machine	Component	Fan drive system	Position	Hopper volume (bushels)	Weight
TEGOSEM 500	All TERRASEM models	Can be retro-fitted	Hydraulic fan drive system	Drawbar	14 bushels	255 lbs

Flexible hopper TEGOSEM

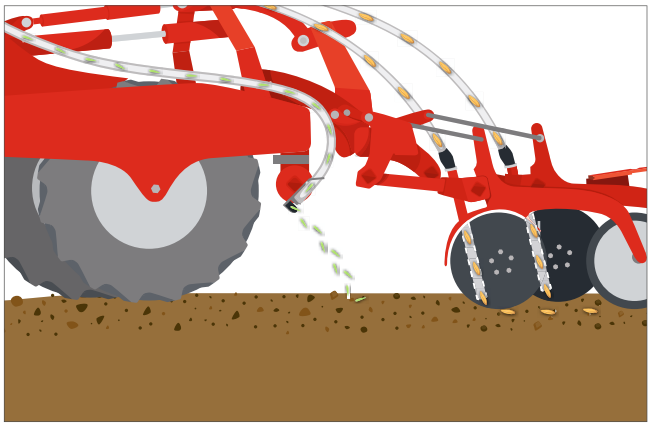


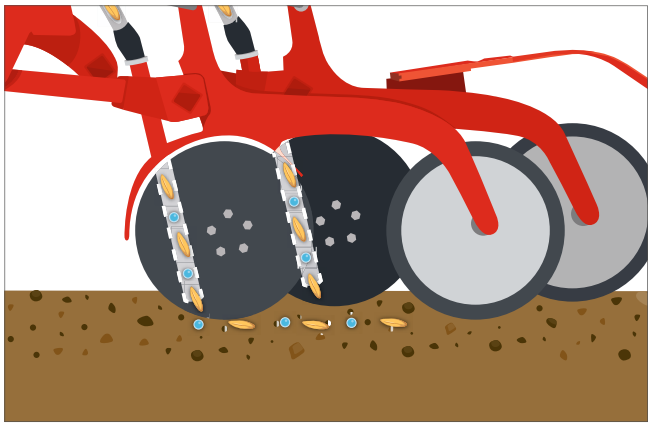
1 Hydraulic fan drive system and metering system

- Fan speed is adjusted using a flow control valve and hydraulic pressure
- Perfect match of fan speed to each seed type
- Two different metering shafts installed as standard to allow the sowing of large and small seeds.

2 Seed flow

- The distributor is set either to distribute on the soil surface using the baffle plate, or contact banding using the single-shoot process
- Distributor flap on each side
- Easy to switch flow direction from the side





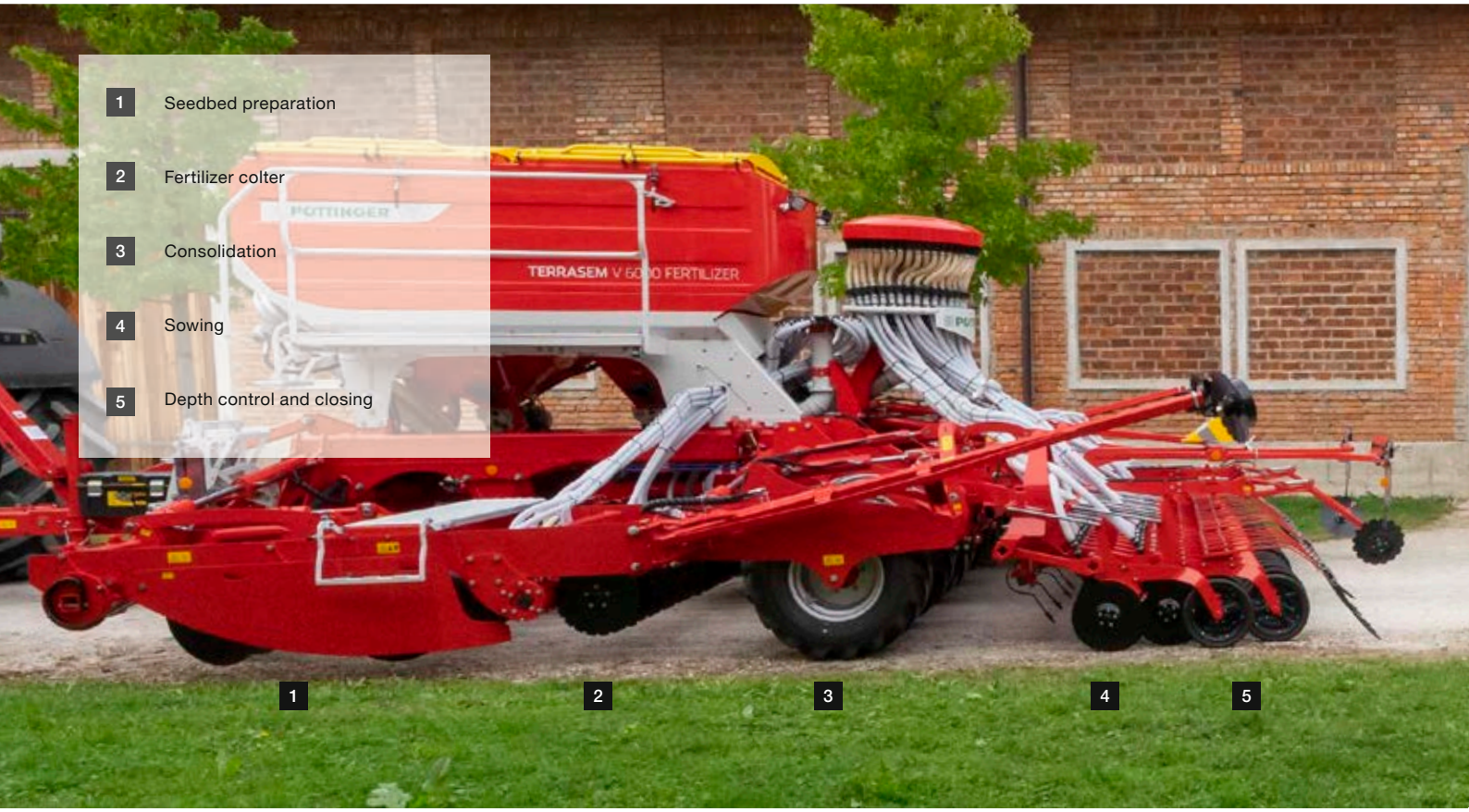
3 Distributed by baffle plate

- A baffle plate distributes seed material from eight outlets on the soil surface behind the tire packer
- Optimum distribution of the seed
- Unaffected by crosswind due to distribution close to the ground

4 Applying as contact banding with the single-shoot process

- Feeding the seed or fertilizer as contact banding directly into the TERRASEM seed stream using a diversion in the metering unit
- Optimum placement when depositing two components using the seed colters
- Seeds cannot segregate inside the hopper

The advantages at a glance



More success with TERRASEM

TERRASEM universal seed drill technology from PÖTTINGER has been engineered in detail from the drawbar to the rear harrow tines. The universal seed drills and seed drill combinations with working widths between 9'10" and 29'6'' can be economically incorporated into any operating sequence, regardless of whether it is deployed for mulch drilling, minimum tillage or conventional drilling.

Versatile applications

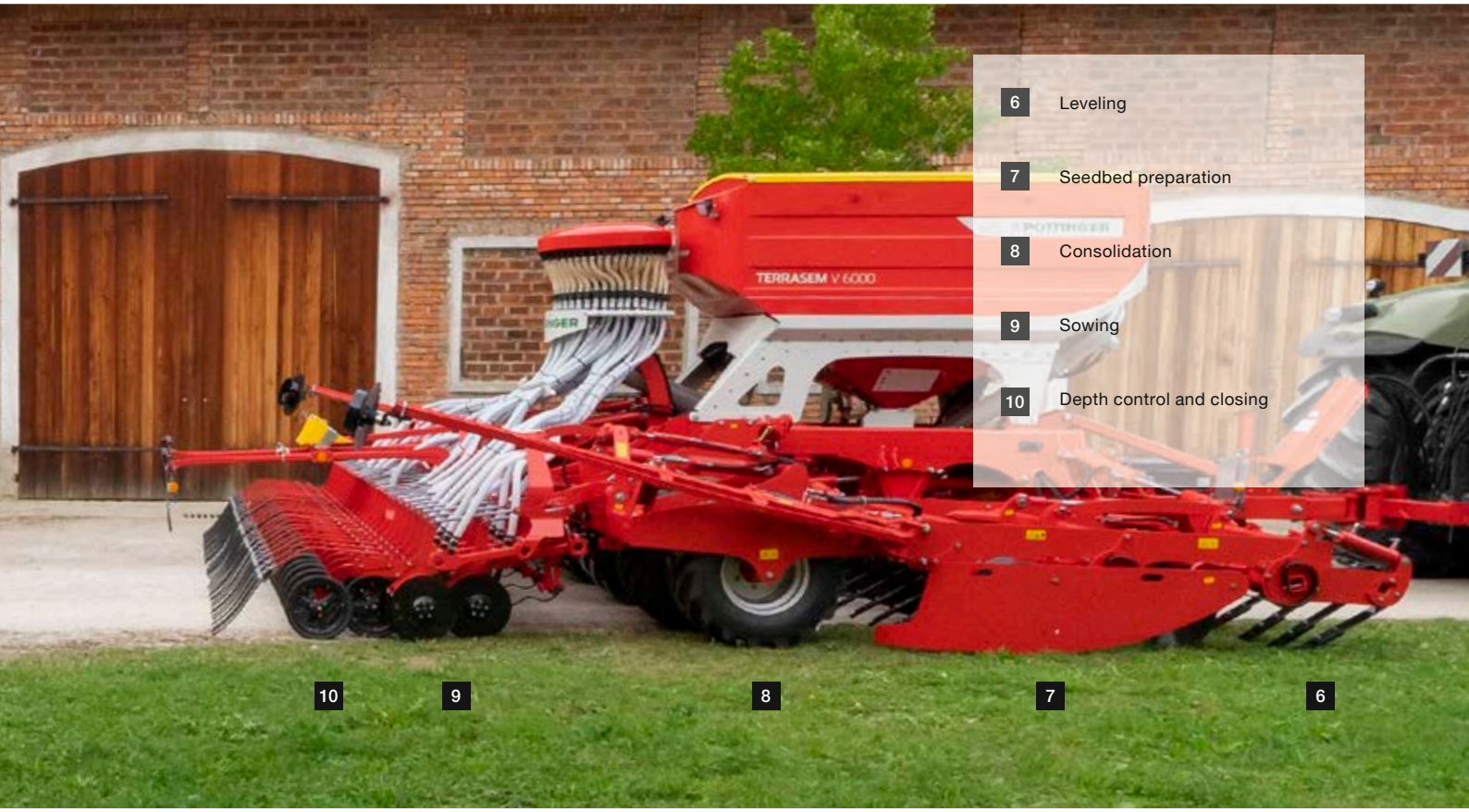
Thanks to a top quality compact disc harrow, an effective tire packer chassis and optimized colter rail, PÖTTINGER perfectly integrate seedbed preparation, consolidation and drilling. Precision seed placement is ensured thanks to the parallel-guided DUAL DISC colters with rear depth control press wheels. These guarantee uniform placement depth and unique ground tracking.

Seedbed preparation is the cornerstone

Optimum seedbed preparation is fundamental for maximum yield at harvest. What is needed is a uniform level finish with the best mixing performance.

A two row, low draft X shape configuration disc harrow on the universal seed drill combinations ensures the best crumbling effect and mixing of the soil. This ensures the machine works 100 percent side pull-free.

For farms using conventional seed drill technology, PÖTTINGER also offers a high output alternative. The TERRASEM CLASSIC seed drills operate without a disc harrow and use an optional front board for levelling.



Optimum consolidation

On all TERRASEM models, a combined tire packer and chassis unit ensures the soil is properly consolidated.

In addition to the offset position of the tire packer, the machine features optimized attachment geometry and a short, compact design. Improved maneuverability and smooth running at the headland and during transport are the result.

Precision drilling

The maintenance-free double-disc colters are mounted on separate parallelograms to ensure the seed is placed at precisely the set depth.

Thanks to the large colter offset with colter arms of the same length, TERRASEM universal seed drills are able to handle high volumes of harvest residues.

To achieve a uniform placement depth, all colters are guided by large dimensioned press wheels and ground tracking is ensured over the entire working width.

Intelligent operation

POWER CONTROL – electronic control system

The entry-level POWER CONTROL terminal can be used to operate a wide selection of ISOBUS-capable machines made by PÖTTINGER. The most important feature is the keys that are printed with the relevant machine functions to ensure intuitive operation for both experienced and newbie drivers. More functions can be controlled and user inputs made using the 5" color touch display. Optimized for day and night operation, the display also provides clear information on the operating status of the machine.

TERRASEM seed drill technology is operated fully hydraulically. The control terminal displays in digital form all the operating parameters such as the depth of the seed colters, depth of the fertilizer colters, colter pressure and hopper level.

EXPERT 75 ISOBUS terminal

The PÖTTINGER EXPERT 75 ISOBUS terminal offers high flexibility and enables professional operation of all ISOBUS-compatible machines, regardless of brand.

The terminal has been upgraded in terms of ergonomics and intuitiveness and offers a multitude of advantages.

- High quality 5.6" TFT color touchscreen
- Rugged, stylish synthetic casing
- Convenient single-hand operation, grip bar for secure hold.

- Double-row arrangement of command keys on the right
- Straightforward and intuitive user interface
- Edit using keys and touch-screen
- Scroll wheel with confirmation function for direct input and adjustment of set points
- Compact size does not obstruct field of vision
- Ambient light sensor and back-lit function keys

CCI 1200 ISOBUS terminal

In addition to the features offered by the POWER CONTROL terminal, this system also enables the control of all ISOBUS machines in your fleet, regardless of manufacturer.

- High quality 12" TFT color touchscreen
- Straightforward and intuitive user interface
- Horizontal or vertical mounting possible
- Large display for best possible monitoring of machine functions
- Individual layout
- Function pre-select
- Seed library
- Monitor the whole machine
- The basis for SEED COMPLETE

Simultaneous display of multiple applications

- Camera image and machine functions at a glance
- Simultaneous operation of several ISOBUS machines possible

SEED COMPLETE

- The CCI 1200 ISOBUS terminal in combination with the TC-GEO app (site-specific drilling) and the TC-SC app (section control) is the foundation for modern, data-driven drilling.
- SEED COMPLETE is available with or without an antenna package

More advantages of SEED COMPLETE

- Increase in yield and cost effectiveness: Site-specific seed quantity/m^2 -> optimum yield for that particular location.
- Take into account the differences in soil quality and yield potential within a field during sowing.
- Convenience: Reduces driver fatigue because the seed drill switches on and off automatically
- Increases efficiency and improves the cost effectiveness of the farm; saves resources
- Avoids overlaps and bare areas when drilling seed and fertilizer
- An agrirouter connection is included

Profiline comfort control

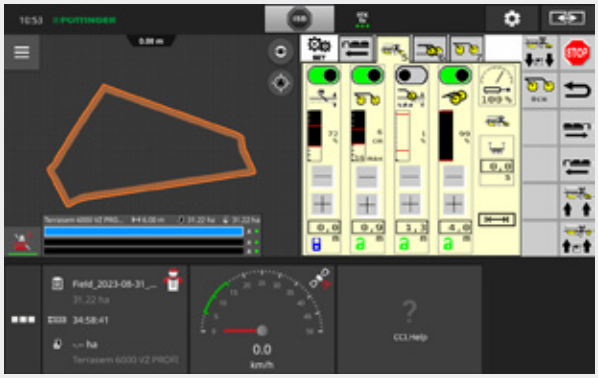
Profiline is the comfort control system that covers all the hydraulic functions of a TERRASEM. The machines are supplied with oil by the tractor's load sensing connection, and all movements are controlled electro-hydraulically via a hydraulic block. The machine is operated by pressing a button on the control terminal or automatically by the task controller using Section Control and Variable Rate Control.

Rapid attachment

Machines with Profiline comfort control have a pressure line, a pressure-free return and the control line for operating all functions using the tractor's load sensing system. Attaching and parking the machine is done in minutes, saving time.

Convenient operation

While the machines can be operated manually using an ISOBUS capable terminal, their functions can also be automated using Section Control and Variable Rate Control in connection with ISOBUS. All the tools are positioned automatically and precisely. The fan speed and colter pressure are controlled automatically.



Task Controller Geo

Enabling Task Controller Geo and Section Control means that application maps can be used to operate the machine. The working depth of the disc harrow, colter pressure and seed and fertilizer rates are then controlled automatically on a site-specific basis. This allows you to use your machines efficiently and save valuable resources.

Precision adjustment

During operation, the tools can be precisely adjusted to the site specific conditions.

Independent of Section Control, the lifting and lowering sequences can also be set based on time or distance travelled.
It is also possible to deactivate individual tools.

Headland control

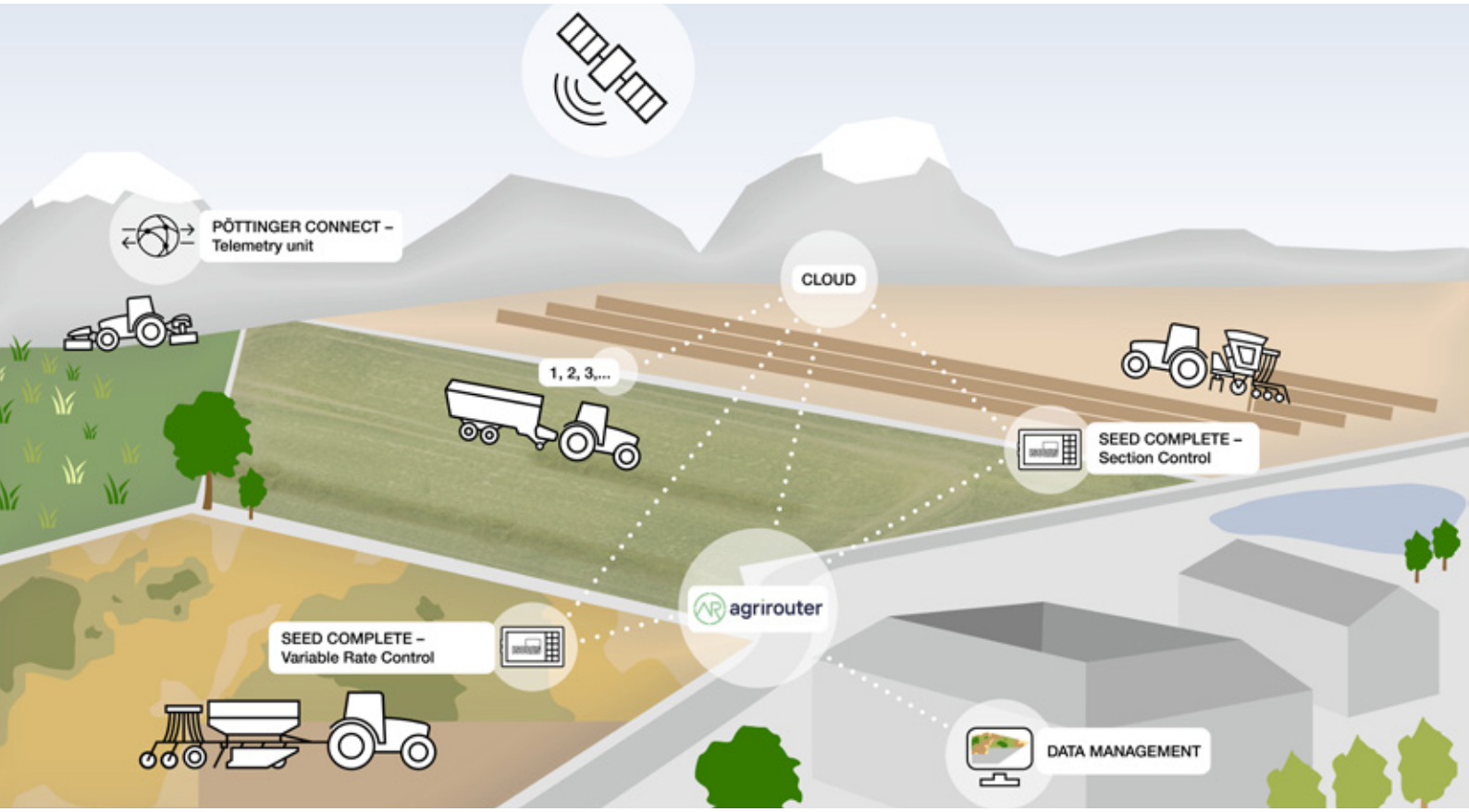
The headland control function stops and restarts the machine precisely at the headland. Without a task controller, this function is controlled at the touch of a button. With a task controller, lifting and lowering is done automatically using the TC-GEO/TC-SC signals.

Save time

The intelligent control system allows the vertical travel during lifting to be limited because shorter lifting and lowering times mean it takes less time to turn round.

Sensor monitoring enables the machine to fold and unfold automatically.

Our input – your output.



Competence in the digital field makes your daily work easier

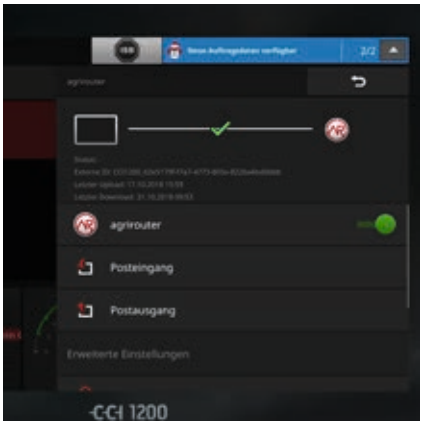
At PÖTTINGER, we offer you numerous possibilities in the field of digital agricultural technology that make your everyday work easier. This enables you to operate more efficiently and conveniently.

For years, our customers have been benefiting from intelligent control terminals and precision farming solutions for soil and seed, grassland and harvesting technology. Together with PÖTTINGER, being a modern, networked company becomes reality.

Ultimately, it's all about making your job easier and enjoying cost effective benefits through the use of intelligent technologies. This means more convenience, time and profit.

TERRASEM electric metering and control functions

- Pre-metering
- Electrical calibration sequence
- Infinitely adjustable seed flowrate adjustment
- Hopper level measurement
- Fan and metering shaft monitoring
- Seed library
- Seed flow sensors (optional)



SEED COMPLETE – Precision Farming

With SEED COMPLETE, PÖTTINGER offers a tool for your success by optimizing the management of your farming operations with Section Control and Variable Rate Control.

This system automatically adapts the seed rate to match the soil conditions in each field using application maps that you can prepare on the office PC before heading out. To ensure traceability at a later date, the data can be archived for comparison over the long term on the office PC.
The variable seed rate is yet another way of optimizing yield.
The actual quantities and areas processed in the field can be transmitted back to the PC in your office at any time.

Getting the most out of your yield potential

GPS data can be used to start and stop the metering system to avoid seed windows and overlapping.

Differences in the soil and growth rate within a field can be taken into account during drilling. Simply select the site-specific quantity of seeds per square metre to get the best yield.

The precision application of seed, fertilizer and spray utilizing technology leads to savings on variable costs of up to 5 %.

agrirouter

PÖTTINGER is a member of the agrirouter program along with many other agricultural machinery manufacturers. agrirouter serves as a manufacturer-independent data exchange platform between human, machine and farm software.

This networks your PÖTTINGER machinery intelligently with the rest of your fleet. Job files, machine data and application maps, etc. can now be sent easily using the agrirouter directly between the machine and the farm management software. This reduces your daily admin workload.

Exact metering for every type of seed





TERRASEM model	**Metering wheel 5** Poppy seed	**Metering wheel 7** Poppy seed, oil seed rape	**Metering wheel 14** Oil seed rape, phacelia	**Metering wheel 28** Phacelia, mustard	**Metering wheel 70** Corn, sunflower seed
Seed rate per acre	2 - 14 lbs	5 - 17 lbs	14 - 42 lbs	37 - 93 lbs	32 - 108 lbs
3000 D / 3000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
4000 D / 4000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 4000 D / V 4000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 6000 D / V 6000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 8000 D	□	□	□	□	□
V 9000 D	□	□	□	□	□





TERRASEM model	**Dual metering wheel 14** Poppy seed	**Dual metering wheel 28** Poppy seed, oil seed rape	**Dual metering wheel 56** Phacelia, mustard	**Dual metering wheel 140** Corn, sunflower seed	**Dual metering wheel 280** Corn, sunflower seed
Seed rate per acre	2 - 14 lbs	6 - 17 lbs	17 - 37 lbs	17-44 lbs	108 - 165 lbs
V 8000 D Z / V 8000 Z CLASSIC	□ / □	□ / □	□ / □	□ / □	□ / □
V 8000 D Z / V 9000 Z CLASSIC	□ / □	□ / □	□ / □	□ / □	□ / □

Metering wheel selection app

To help you find the perfect metering wheel for your seed drill, we have developed an app: METERING WHEEL ASSIST.
You can use this app to find the best metering wheel in just a few clicks.

Often ordered together

Metering wheel 140
Corn, sunflower seed, whole crop forage

108 - 165 lbs

□ / □

□ / □

□ / □

□ / □

□

□

Metering wheel 290
Hybrid cereals, wheat, rye

326 - 435 lbs

□ / □

□ / □

□ / □

□ / □

□

□

Metering wheel 550
Wheat, barley, oats, rye

234 - 679 lbs

□ / □

□ / □

□ / □

□ / □

□

□

Metering wheel 690
Beans, peas, spelt

667 - 889 lbs

□ / □

□ / □

□ / □

□ / □

□

□

Dual metering wheel 430
Cereal hybrids, fertilizer

326 - 435 lbs

□ / □

□ / □

Dual metering wheel 830
Cereals, fertilizer

209-617 lbs

□ / □

□ / □

Dual metering wheel 1020
Beans, peas, fertilizer

595-925 lbs

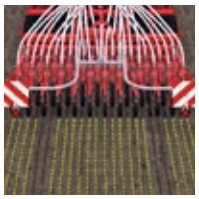
□ / □

□ / □

■ = Standard, □ = Optional

Accessories

Universal seed drill technology / Universal seed drill technology with FERTILIZER	Radar sensor for metering system	Telescopic drawbar	Load sensing fan drive system	Fan integrated into hopper	Optional seed hopper
3000 D / 3000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
4000 D / 4000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 4000 D / V 4000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 4000 CLASSIC / Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 6000 D / V 6000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 6000 CLASSIC / Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 8000 D / V 8000 D Z	□ / □	□ / □	□ / □	□ / □	– / –
V 8000 CLASSIC / Z	□ / □	□ / □	– / –	□ / □	– / –
V 9000 D / V 9000 D Z	□ / □	□ / □	□ / □	□ / □	– / –
V 9000 CLASSIC / Z	□ / □	□ / □	– / –	□ / □	– / –



Universal seed drill technology / Universal seed drill technology with FERTILIZER	Hydraulic auger for seed hopper	Leveling paddles on colter rail	Symmetrical – asymmetrical tramline switching	Half width switching	Seed flow monitoring
3000 D / 3000 D Z	□ / □	□ / □	□ / □	– / –	□ / □
4000 D / 4000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 4000 D / V 4000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 4000 CLASSIC / Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 6000 D / V 6000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 6000 CLASSIC / Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 8000 D / V 8000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 8000 CLASSIC / Z	□ / □	□ / □	□ / □	– / –	□ / □
V 9000 D / V 9000 D Z	□ / □	□ / □	□ / □	□ / □	□ / □
V 9000 CLASSIC / Z	□ / □	□ / □	□ / □	– / –	□ / □

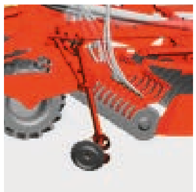
More equipment options

- Tractor independent PTO-driven hydraulic pump
- Hydraulic folding side loading platform is standard
- Special metering wheels
- Scrapers for press wheels
- Weighing scales for calibration

Often ordered together





LED floodlighting package	Tractor track eradicator discs	Spring loaded tractor track eradicators	Front board	Leveling board in front of tire packer	Bout markers
□ / □	□ / □	□ / □	□ / □	□ / –	□ / □
□ / □	□ / □	□ / □	□ / □	□ / –	□ / □
□ / □ □ / □	□ / – □ / –	□ / □ □ / □	□ / □ □ / □	□ / – – / –	□ / □ □ / □
□ / □ □ / □	□ / – □ / –	□ / □ □ / □	□ / □ □ / □	□ / – – / –	□ / □ □ / □
□ / □ □ / □	□ / – □ / –	□ / □ □ / □	□ / □ □ / □	□ / – – / –	□ / □ □ / □
□ / □ □ / □	□ / – □ / –	□ / □ □ / □	□ / □ □ / □	□ / – – / –	□ / □ □ / □





Tramline bout marker	Distributor insert for row spacing 10" / 15" / 20" / 30"	Press wheels with metal rims	Jockey wheels	Scrapers for packer wheels	Braking system air brakes / hydraulic brakes
□ / □	□ □ □ □	□ / □	– / –	□ / □	□ / □
□ / □	□ – □ –	□ / □	– / –	□ / □	□ / □
□ / □ □ / □	□ – □ –	□ / □ □ / □	– / – – / –	□ / □ □ / □	□ / □ □ / □
□ / □ □ / □	□ □ □ □	□ / □ □ / □	□ / – □ / –	□ / □ □ / □	□ / □ □ / □
□ / □ □ / □	□ – □ –	□ / □ □ / □	□ / – □ / –	□ / □ □ / □	□ / □ □ / □
□ / □ □ / □	□ □ □ □	□ / □ □ / □	□ / – □ / –	□ / □ □ / □	□ / □ □ / □

■ = Standard, □ = Optional

Technical data

TERRASEM **Model**	**3000 D / 3000 D Z**	**4000 D / 4000 D Z**	**V 4000 D /** **V 4000 D Z**
Working width	9‘10‘‘	13'1"	13'1"
Seed hopper volume		100 bushels / 120 bushels	
Seed hopper volume optional		130 bushels / 160 bushels	
Number of disc harrow discs	24	32	32
WAVE DISC row spacing	4" / 6"	4" / 6"	4" / 6"
Harrow disc diameter	1‘8‘‘ (510 mm)	1‘8‘‘ (510 mm)	1‘8‘‘ (510 mm)
Disc angle		+15° to the direction of travel / +7° vertical	
WAVE DISC diameter	1‘8‘‘ (510 mm)	1‘8‘‘ (510 mm)	1‘8‘‘ (510 mm)
Distributor heads cereals / fertilizer	1 / 1 + 1	1 / 1 + 1	1 / 1 + 1
Number of seed colters 4" spacing	24	32	32
Number of fertilizer colters 4" spacing	12	16	16
Number of seed colters 6" spacing	18	24	24
Number of fertilizer colters 6" spacing	9	12	12
Colter disc diameter	15"	15"	15"
Press wheel diameter	15"	15"	15"
Fertilizer colter diameter	15"	15"	15"
Colter spacing	12"	12"	12"
Pressure per seed colter	88 - 264 lbs	88 - 264 lbs	88 - 264 lbs
Pressure per fertilizer colter	up to 396 lbs	up to 396 lbs	up to 396 lbs
Length of machine		27'4" - 33'5"	
Transport width	9'10"	13'1"	9'10"
Transport height	9'9" / 10'9"	9'9" / 10'9"	9'9" / 10'9"
Standard filling height	9'5" / 9'5"	9'5" / 9'5"	9'5" / 9'5"
Optional filling height	10'6" / 10'6"	10'6" / 10'6"	10'6" / 10'6"
Number of packer tires	6	8	8
Power requirement kW	81-125 / 99-132 kW	103-176 / 118-199 kW	103-176 / 118-199 kW
Power requirement hp	110-170 / 135-180 hp	140-240 / 160-270 hp	140-240 / 160-270 hp
Weight	5,400 / 5,600 kg	6,900 / 7,150 kg	7,200 / 7,900 kg

V 6000 D / V 6000 D Z	V 8000 D / V 8000 D Z	V 9000 D / V 9000 D Z
19'8"	26‘3‘‘ (8 m)	29'6''
100 bushels / 120 bushels	160 bushels	
130 bushels / 160 bushels	–	
48	64	72
4" / 6"	4" / 6"	4" / 6"
1‘8‘‘ (510 mm)	1‘8‘‘ (510 mm)	1‘8‘‘ (510 mm)
+15° to the direction of travel / +7° vertical		
1‘8‘‘ (510 mm)	1‘8‘‘ (510 mm)	1‘8‘‘ (510 mm)
1 / 1 + 1	2 / 2 + 1	2 / 2 + 1
48	64	72
24	32	36
36	48	54
18	24	27
15"	15"	15"
15"	15"	15"
15"	15"	15"
12"	12"	12"
88 - 264 lbs	88 - 264 lbs	88 - 264 lbs
up to 396 lbs	up to 396 lbs	up to 396 lbs
	27'4" - 33'5"	
9'10"	9'10"	9'10"
9'9" / 10'9"	13'	14'7"
9'5" / 9'5"	10'6" / 10'6"	10'6" / 10'6"
10'6" / 10'6"	–	–
12	16	18
140-243 / 169-243 kW	221-294 / 221-368 kW	243-368 / 243-368 kW
190-330 / 230-330 hp	300-400 / 300-500 hp	330-500 / 330-500 hp
9,750 / 10,400 kg	11,300 / 13,000 kg	13,600 / 15,600 kg

MyPÖTTINGER

MyPÖTTINGER – it’s easy. Anytime. Anywhere.

Benefit from numerous advantages

MyPÖTTINGER is our customer portal that provides you with key information about your PÖTTINGER machines.

Get specific information and useful tips on your PÖTTINGER machines in “My machines”. And find out more about the PÖTTINGER product range.

My machines

Add your PÖTTINGER machinery to “My machines” and assign a name. You will receive valuable information such as: useful tips on your machine, operating instructions, spare parts lists, maintenance information, as well as all the technical details and documentation.

Info on the product range

MyPÖTTINGER provides you with machine-specific information for all machines built starting 1997.

Scan the QR code on the machine’s data plate with a smartphone or tablet or go to www.mypoettinger.com and enter the machine number from the comfort of your own home. You will immediately receive all the information on your machine, such as: instruction manuals, equipment options information, brochures, photos and videos.

Rely on the original

PÖTTINGER ORIGINAL PARTS meet the highest demands in terms of functionality, reliability and performance. These are characteristics that PÖTTINGER is committed to delivering.

That is why we manufacture PÖTTINGER ORIGINAL PARTS from the highest quality materials. We ideally match each individual spare part and wear part to your machinery's overall system. This is because different soil and operating conditions often need to be taken into consideration.

We have been listening to our customers and now offer three different lines – CLASSIC, DURASTAR and DURASTAR PLUS – to make sure you have the right part to meet every requirement. ORIGINAL PARTS are worth every cent, because know-how cannot be copied.

Your advantages

- Immediate and long-term availability.
- Maximum durability thanks to innovative production processes and the use of the highest quality materials.
- Avoidance of malfunctions due to a perfect fit.
- The best working results thanks to optimum match to the overall system of the machine.
- Save time and costs thanks to longer replacement intervals on wear parts.
- Comprehensive quality testing.
- Ongoing advancement through research and development.
- Worldwide spare parts supply.
- Attractive, competitive prices for all spare parts.

Wear parts

The CLASSIC line is for standard duty applications. With these ORIGINAL INSIDE parts we have defined the benchmark for quality, best price/ performance ratio and reliability.

DURASTAR is the innovation on the wear components market – durable, high quality, productive and reliable.

Are you used to putting your machines to work in the most extreme conditions? Then the DURASTAR PLUS line is the right choice for you.

PÖTTINGER

More success with PÖTTINGER

- A family-owned company since 1871
  Your reliable partner
- Specialist for arable and grassland
- Future-safe innovation for outstanding working results
- Roots in Austria – at home throughout the world

Perfect, efficient sowing for the best emergence

- Tillage, consolidation and sowing combined in one seed drill, with fertilization and sowing a companion crop available as options
- Universal applications, regardless of whether mulch drilling, conventional drilling or minimum tillage
- Guarantees unique ground tracking capability and uniform seed placement depth
- Flexibility that is more than worth the investment with IDS – the Intelligent Distribution System
- Cost effective, extremely versatile and convenient to operate

Ask for more information:

PÖTTINGER Landtechnik GmbH
Industriegelände 1
4710 Grieskirchen
Austria
Phone +43 7248 600-0
info@poettinger.at
www.poettinger.at

POETTINGER Canada Inc.
460 Rue Robinson Sud
Granby, QC, J2G 7N6
Canada
Phone +1 450 372 5595
info@poettinger.ca
www.poettinger.ca

POETTINGER US, Inc.
2855 Slover Road
Valparaiso, IN 46383
USA
Phone +1 219 510 5534
info@poettinger.us
www.poettinger.us